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1. (Four times amended) An isolated and purified peptide of a chemokine, a variant, or a derivative thereof, comprising no more than 30 amino acid residues, wherein the peptide comprises residues X_1-Asp-Pro-X_2-X_3-X_4-Trp-X_5-Gln (SEQ ID NO:84) or consists of X_2-X_3-X_4 or Trp-X_5-Gln, wherein X_1 is Ala or Leu, X_2 is Lys, Ser or Thr, X_4 is Lys, Glu, Ser or Arg, X_5 is Val or Ile, and X_3 is any amino acid and wherein the peptide inhibits the activity of at least one native chemokine.

3. The peptide of claim 1 which is not a peptide of interleukin-8 (IL-8) or neutrophil activating protein-2 (NAP-2).

4. The peptide of claim 1 which is a variant of a peptide of monocyte chemotactic protein-1 (MCP-1).

6. The peptide of claim 1 which is a peptide of a CC chemokine.

7. The peptide of claim 6 wherein the CC chemokine is MCP-1, regulated on activation, normal T expressed and secreted protein (RANTES), monocyte chemotactic protein-2 (MCP-2), monocyte chemotactic protein-3 (MCP-3), monocyte chemotactic protein-4 (MCP-4), eotaxin, macrophage inflammatory protein-1α (MIP1α), MIP1β, liver and activation regulated chemokine (LARC), I309, hemofiltrate CC-chemokine -1 (HCC-1), thymus and activation regulated chemokine (TARC) or chemokine beta 8 (Ckβ8).

8. The peptide of claim 1 which is a peptide of a CXC chemokine.

9. The peptide of claim 8 wherein the CXC chemokine is interferon inducible protein 10 (IP-10), platelet factor-4 (PF-4), stromal cell-derived factor-1 (SDF-1α), NAP-2, growth regulated oncogene alpha (GROα), GROβ, GROγ or epithelial neutrophil activating peptide-78 (ENA78).

10. The peptide of claim 8 wherein the CXC chemokine is IL-8.

11. A cyclic reverse sequence derivative (CRD) of a peptide of a chemokine or a variant thereof.

42. (Three times amended) The peptide of claim 4 which is Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln (SEQ ID NO:85).

43. The derivative of claim 11 which is CRD-Cys-Leu-Asp-Pro-Lys-Gln-Lys-Trp-Ile-Gln-Cys.